

## ABSTRACT

A heat insulation panel (2) and a reinforcing panel (3) made of plastic material or the like are disposed in superposed relation on the outer side of a wall body (1) of RC construction. A mesh sheet (4) is installed as a base material on the outside of the reinforcing panel (3). And, tiles (5) serving as external cladding are bonded to the outside of the mesh sheet (4). The heat insulation panel (2) is formed of phenol foam or the like molded, e.g., in the form of a rectangular plate, while the reinforcing panel (3) is formed of acrylic plate, vinyl chloride plate or the like, and a number of groove-like air passage sections (3a) are continuously formed in a vertical direction on the inside of the reinforcing panel, i.e., on the side opposed to the heat insulation panel (2). The reinforcing panel (3) and heat insulation panel (2) are integrated in advance as by adhesive bonding. Such arrangement makes it possible to build an RC structure of heat-insulation construction which is superior in heat insulation, constructibility, and economical efficiency.